housing **202** at least twice. Further, the camera lens assembly **200** includes angle controllers **203** and **204** for controlling the rotational angle of the camera lens housing **202** around predetermined hinge axes by user manipulation.

[**0057**] A key array **111** having a plurality of keys is installed on the top surface of the first housing **101**. A 2-way key **113** is provided on a side of the first housing **101**. The 2-way key **113** can be used for menu selection or volume adjustment in a speech mode or standby mode. It can also provide a zoom-in/zoom-out functionality during photographing a still image or a moving picture. A pair of side hinge arms **115** face each other, spaced by a predetermined distance on the upper end of the first housing **101**, and the camera lens hinge arm **201** is extended from one of the side hinge arms **115**.

[**0058**] The second housing **102** has an auxiliary display **125** on its top surface and a main display **121** on its bottom surface. A speaker **123** is disposed above the main display **121**. The second housing **102** is connected to the first housing **101** in such a manner that it can be rotated face to face in a receding/advancing direction from/toward the first housing **101** and turned crosswise to the first housing **101**. The connection is made by means of a predetermined connection member **103**.

[**0059**] The connection member **103** has a center hinge arm **131** between the side hinge arms **115**. It rotates around a first hinge axis A**1** extended widthwise from the first housing **101**. The connection member **103** also has an auxiliary frame **133** at a portion of the center hinge arm **131**, thus defining a second hinge axis A**2** perpendicular to the first hinge axis A**1**. An end portion of the second housing **102** is engaged with the auxiliary frame **122** to rotate around the second hinge axis A**2**.

[**0060**] The camera lens hinge arm **201** is extended in the direction of the first hinge axis A**1** from the side hinge arm **115** and contains the camera lens housing **202** therein. The camera lens housing **202** is rotatable around the first hinge axis A**1** within the camera lens hinge arm **201**. At the same time, it is rotatable around a third hinge axis A**3** perpendicular to the first hinge axis A**1**. The camera lens hinge arm **201** includes the angle controllers **203** and **204** for adjusting the rotational angle of the camera lens housing **202**. The angle controllers **203** and **204** are rotatably engaged with the camera lens hinge arm **201**. The angle controller **203** is a first control knob for rotating the camera lens housing **202** around the first hinge axis A**1**. The angle controller **204**, rotatably engaged at a predetermined position of the outer circumferential surface of the camera lens hinge arm **201**, is a second knob for rotating the camera lens housing **202** around the third hinge axis A**3**.

[**0061**] The exposurers **235**, **213**, and **217** are a first opening (exposurer **235**) in **FIG. 13** for exposing the camera lens housing **202** in a side direction of the camera lens hinge arm **201**, a second opening (exposurer **213**) for exposing the camera lens housing **202** in a frontal direction of the mobile phone **100**, and a third opening (exposurer **217**) for exposing the camera lens housing **202** in a rear direction of the mobile phone **200**. That is, the camera lens housing **202** is rotated around the first, second, and third hinge axes A**1**, A**2**, and A**3** within the camera lens hinge arm **201** to enable photography of a still image or a moving picture through the first, second, or third exposurer **235**, **213**, or **217**. The second exposurer **213** has a pair of holes that enables a user to select a photograph angle according to the angle at which the second housing **102** is opened.

[**0062**] **FIGS. 9 and 10** are perspective views of the mobile phone **100** with the second housing **102** fully opened in a receding direction from the first housing **101**. With the second housing **102** fully opened from the first housing **101**, the main display **121** is directed toward the front of the mobile phone **100**. If the user intends to photograph a still image or moving picture, he rotates the camera lens housing **202** is rotated in a manner that exposes the camera lens housing **202** through the second or third exposurer **213** or **217**.

[**0063**] **FIGS. 11 and 12** are perspective views of the mobile phone **100** where the second housing **102** is opened at a predetermined angle from the first housing **101** and then turned crosswise to the first housing **101**. When the second housing **101** is opened at a predetermined angle, specifically about 90° or above from the first housing **101**, it can rotate around the second hinge axis A**2**. Thus, the main display **121** faces in a selected one of both directions of the mobile phone **100**. In photographing a still image or moving picture, the user rotates the camera lens housing **202** in the manner that exposes the camera lens housing **202** through the first exposurer **235**. With the camera lens housing **202** exposed through the first exposurer **235** and the main display **121** positioned as illustrated in **FIG. 11**, the user can manipulate the mobile phone **100** in the same manner as a camcorder.

[**0064**] As in the first embodiment of the present invention, since the second housing **102** can rotate around the respective first and second hinge axes A**1** and A**2**, the main display **121** can be exposed outward while the second housing **102** is in close contact with the first housing **101**.

[**0065**] **FIGS. 13 and 15** illustrate the camera lens assembly **200** for the mobile phone illustrated in **FIG. 8**. The camera lens assembly **200** comprises the camera lens hinge arm **201**, the camera lens housing **202**, the first and second control knobs **203** and **204**, and the exposurers **235**, **213**, and **217**.

[**0066**] The camera lens hinge arm **201** is integrally formed with one side hinge arm **115** of the first housing **101** and provides a space **211** opened in a side direction of the mobile phone **100**. The camera lens housing **202** is held in the space **211** to rotate around the first hinge axis A**1** and the third hinge axis A**3** perpendicular to the first hinge axis A**1**. The opened side portion of the camera lens hinge arm **201** is closed with the first control knob **203**. The first control knob **203** rotates around the first hinge axis A**1**, which in turn rotates the camera lens housing **202** around the first hinge axis A**1**. The second control knob **204** is rotatably installed at a predetermined position of the outer circumferential surface of the camera lens housing **202**, specifically on the third hinge axis A**3**. The second control knob **204** rotates around the third hinge axis A**3**, which in turn rotates the camera lens housing **202** around the third hinge axis A**3**.

[**0067**] A pair of guide grooves **223** are formed circumferentially on the outer circumferential surface of the camera lens housing **202** to provide a rotation trajectory to the camera lens housing **202**. The guide grooves **223** cross each other at predetermined positions and the intersections (not shown) are symmetrical with respect to the respective first